

Reference Biochemistry
1st Floor Bessemer Wing
Kings College Hospital
Denmark Hill
London SE5 9RS

13/10/2022

Dear Colleagues,

Re: Resumption of in-house testing for plasma metanephrines

As you may recall from previous correspondence in October 2021, we have been referring plasma metanephrine testing to an external provider. This was due to the failure of the liquid chromatography-mass spectrometry (LC-MS) system which previously ran Synnovis's in-house service.

We are delighted to inform you that following investment in two new LC-MS systems in the department and a successful method evaluation, we are now in a position to resume plasma metanephrine testing in-house from **24th October 2022**. Please be aware that during this transition back to in-house testing there may be a brief overlap in reporting results produced by the external provider and ourselves.

The key differences for the new service are as follows:

- Minimum sample volume required is now **500 µL EDTA plasma** (previously 1 mL)
- We are now reporting with simplified reference ranges for metadrenaline and normetadrenaline:

	Metadrenaline (pmol/L)	Normetadrenaline (pmol/L)	3-Methoxytyramine (pmol/L)
Current	80 - 510	120 – 1180	<180
New	<510	<1180	<180

Full test information, including referral address, sample storage and turnaround time, is available at <http://synnovis.co.uk/our-tests/plasma-free-metanephrines>

As a result of the change in LC-MS/MS instrumentation, the test will be briefly unaccredited whilst our UKAS extension to scope is approved.

Should you have any questions regarding this change or should you require clinical advice, please feel free to contact the Metabolic Laboratory on 0203 299 4128.

Yours sincerely,



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